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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2007; month=11; day=28; hr=14; min=49; sec=43; ms=886;  
]

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Reviewer Comments:

seq Id 45

Total number of bases input in <211> are 139, but calculated 138.

\*\*\*\*\*

Application No: 10085783 Version No: 3.0

**Input Set:****Output Set:**

**Started:** 2007-11-08 09:20:51.713  
**Finished:** 2007-11-08 09:34:28.539  
**Elapsed:** 0 hr(s) 13 min(s) 36 sec(s) 826 ms  
**Total Warnings:** 58994  
**Total Errors:** 2  
**No. of SeqIDs Defined:** 58994  
**Actual SeqID Count:** 58994

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
W 402	Undefined organism found in <213> in SEQ ID (5)
W 402	Undefined organism found in <213> in SEQ ID (6)
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (8)
W 402	Undefined organism found in <213> in SEQ ID (9)
W 402	Undefined organism found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 402	Undefined organism found in <213> in SEQ ID (12)
W 402	Undefined organism found in <213> in SEQ ID (13)
W 402	Undefined organism found in <213> in SEQ ID (14)
W 402	Undefined organism found in <213> in SEQ ID (15)
W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)
W 402	Undefined organism found in <213> in SEQ ID (18)
W 402	Undefined organism found in <213> in SEQ ID (19)
W 402	Undefined organism found in <213> in SEQ ID (20)

**Input Set:**

**Output Set:**

**Started:** 2007-11-08 09:20:51.713  
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Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (43)
E 254	The total number of bases conflicts with running total, Input: 139, Calculated : 138 SEQID(45)
E 253	The number of bases differs from <211> Input: 139 Calculated:138
W 213	Artificial or Unknown found in <213> in SEQ ID (64)
W 213	Artificial or Unknown found in <213> in SEQ ID (71)
W 213	Artificial or Unknown found in <213> in SEQ ID (120)
W 213	Artificial or Unknown found in <213> in SEQ ID (140)
W 213	Artificial or Unknown found in <213> in SEQ ID (153)
W 213	Artificial or Unknown found in <213> in SEQ ID (162)
W 213	Artificial or Unknown found in <213> in SEQ ID (386)
W 213	Artificial or Unknown found in <213> in SEQ ID (410)
W 213	Artificial or Unknown found in <213> in SEQ ID (542)
W 213	Artificial or Unknown found in <213> in SEQ ID (590)
W 213	Artificial or Unknown found in <213> in SEQ ID (705)
W 213	Artificial or Unknown found in <213> in SEQ ID (811)
W 213	Artificial or Unknown found in <213> in SEQ ID (978)
W 213	Artificial or Unknown found in <213> in SEQ ID (1052)
W 213	Artificial or Unknown found in <213> in SEQ ID (1055)
W 213	Artificial or Unknown found in <213> in SEQ ID (1123)
W 213	Artificial or Unknown found in <213> in SEQ ID (1172)
W 213	Artificial or Unknown found in <213> in SEQ ID (1291)

**Input Set:**

**Output Set:**

**Started:** 2007-11-08 09:20:51.713  
**Finished:** 2007-11-08 09:34:28.539  
**Elapsed:** 0 hr(s) 13 min(s) 36 sec(s) 826 ms  
**Total Warnings:** 58994  
**Total Errors:** 2  
**No. of SeqIDs Defined:** 58994  
**Actual SeqID Count:** 58994

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1332) This error has occurred more than 20 times, will not be displayed

# SEQUENCE LISTING

<110> ChondroGene Inc.  
Liew, C.C.

<120> Compositions and Methods Relatiing to Osteoarthritis

<130> 4231/2002

<140> 10085783

<141> 2002-02-28

<150> US 60/305,340

<151> 2001-07-13

<150> US 60/275,017

<151> 2001-03-12

<150> US 60/271,955

<151> 2001-02-28

<160> 58994

<170> PatentIn version 3.2

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<211> 377

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<213> Human

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accatttctg gcaatttcta cagaaccaag ttgaagtacc tggctttcct cccaagcgg      180
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ggcgacccgg ggggggattt ctcccaaaaa accaagcagg ccaggccgtc tctgaccgtt      300
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<400> 2

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tttccccatt tgagacacac cacctatggg gtttgtggac tttgtggtcc tacgtggaca 300

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cagaggcggt tctatatgaa tttgcataat ctaagaggag gctttaccag tacttcagac 420

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atcgtgtcat tgccacacc 499

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aaggctgtca ttctacaggg ctctaattgat gttgaactgt tgctgagggc aacagcaggt 180

tcacttacac ttgttcttgt aggggtgggtg ctttaaaagg gcaaattgat ggggggaggc 240

acatattcga tcacaacaca tagagcctac agcttgccct cctttgtatt cgccacttgg 300

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cttggtgcac cgagaactta cttccttgga ttaggtcact tctttgattt ctaataggat	240
gacttccaga gagtgagatt tgttatgtct ggcttataaa ggtaaataa aatataata	300
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 <213> Human

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 aggacacggg cccttaccct tttatacaca gagggggagg aatttaaggg tcgcctcatg 240  
  
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 <212> DNA  
 <213> Human

<400> 11  
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gttcaccatt aaaaggggat tacccaaggc aaaatcatgg gattggtata aaagggattg 180  
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<212> DNA  
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 <213> Human

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<210> 20

<211> 307

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<213> Human

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ccaagtgaca ctttgctc 138

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<400> 22

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<211> 132

<212> DNA

<213> Human

<400> 23

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aagcagttac aa 132

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<211> 247

<212> DNA

<213> Human

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gaaagccgcc ttatgacaag aagcagagat ggttattggt ggcaaaactaa gccgattttc 180

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ttcagtcctt tctttttaat tgtattgatt cttttcctcg gtaataaata agtgcatact 180

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